



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Wednesday, April 12, 2017  
Issued: 0800 CT

***Day 1 Weather Impacts:*** Isolated to scattered severe storms and flash flooding over eastern NM into west TX, the TX/OK panhandles, and western OK.

***Day 1 River Flood Impacts:*** Minor to moderate river flooding over portions of northeast into southcentral TX and over southwest LA.

National Weather Service

Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



Prepared by: Emma Weston  
817-978-1100 x 147

# Key Points



## Today

- Isolated to scattered severe storms & areas of heavy rain over eastern New Mexico into west TX, the TX/OK Panhandles, and western OK
  - Damaging winds, large hail, and flash flooding are the primary threats
- Minor to moderate river flooding in northeast into southcentral TX and in southwest LA
- Major river flooding is forecast along portions of the Navasota River in TX

## Thursday

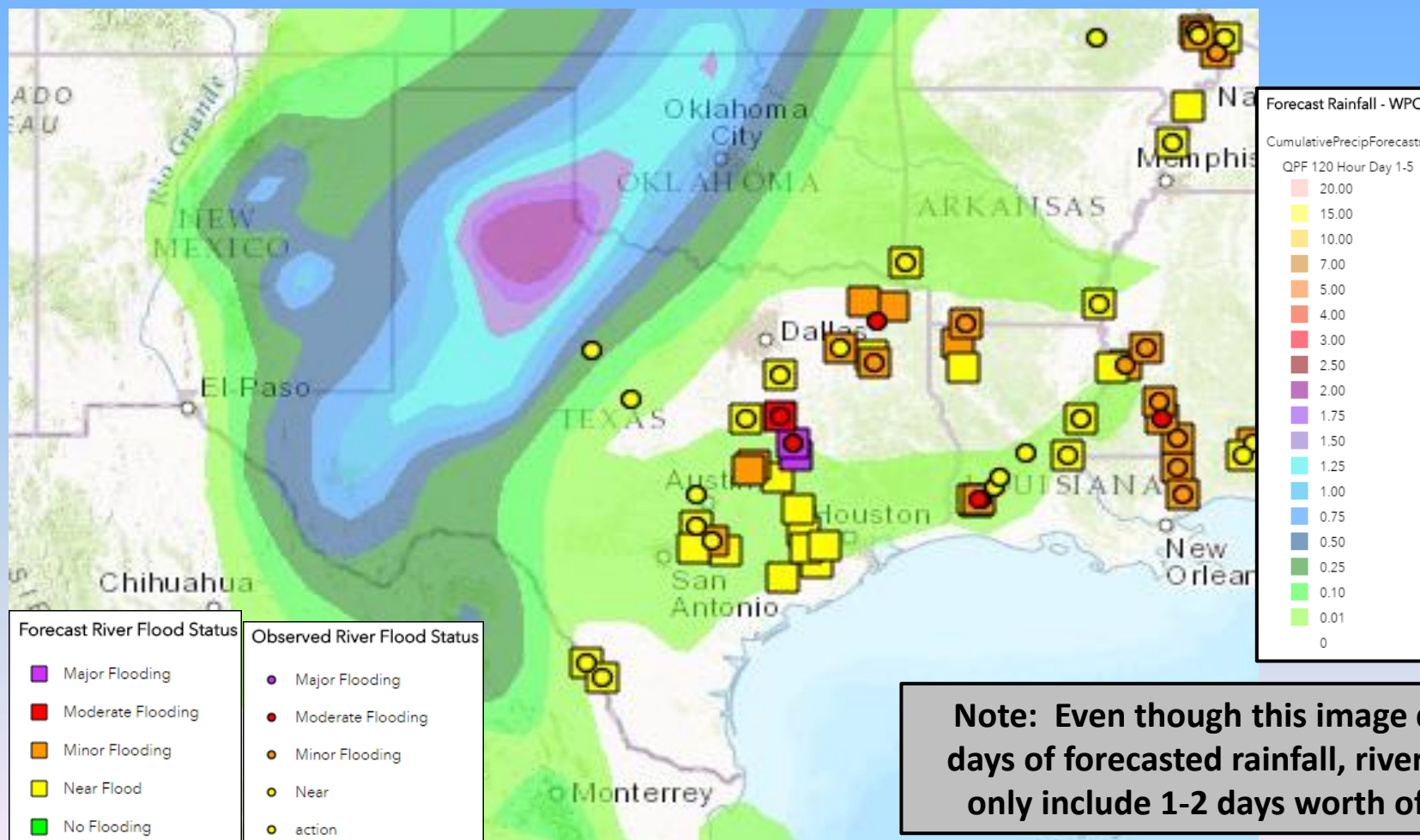
- Isolated severe storms over west TX into southeast NM
- Isolated heavy rain/flash flooding in western OK into northwest TX

## Friday-Sunday

- Isolated severe storms over west TX into southeast NM Friday

# 5-Day Precipitation Forecast & River Flood Status

- Minor to moderate river flooding over portions of northeast into southcentral TX and over southwest LA.
- Major river flooding is forecast along portions of the Navasota River in TX by tonight.



For the latest on river flooding: <http://water.weather.gov/ahps>

# \*FEMA Region 6 Threat Matrix

Apr 12, 2017 - Apr 16, 2017

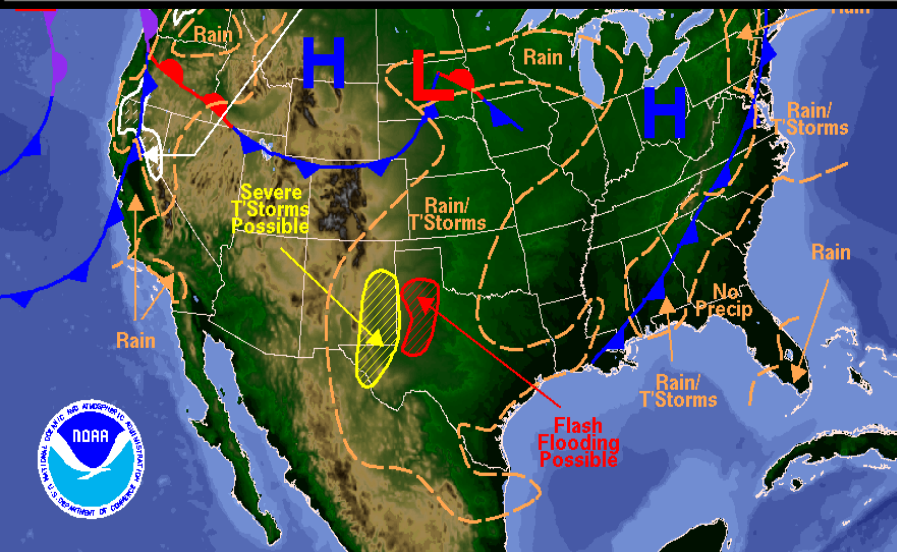
	WED	THU	FRI	SAT	SUN
Severe Weather	SE NM, W TX	SE NM/W TX	SE NM, W TX, TX/OK Panhandles		
	E NM, W TX, TX/OK Panhandles, W OK				
Heavy Rain / Flash Flooding	E NM, W TX, TX/OK Panhandles, W OK	W OK/NW TX			
Fire Weather		W NM			
River Flooding	Navasota River in Cntrl TX		NE into South Cntrl TX, SW LA		
	NE/Cntrl TX, SW LA				

- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



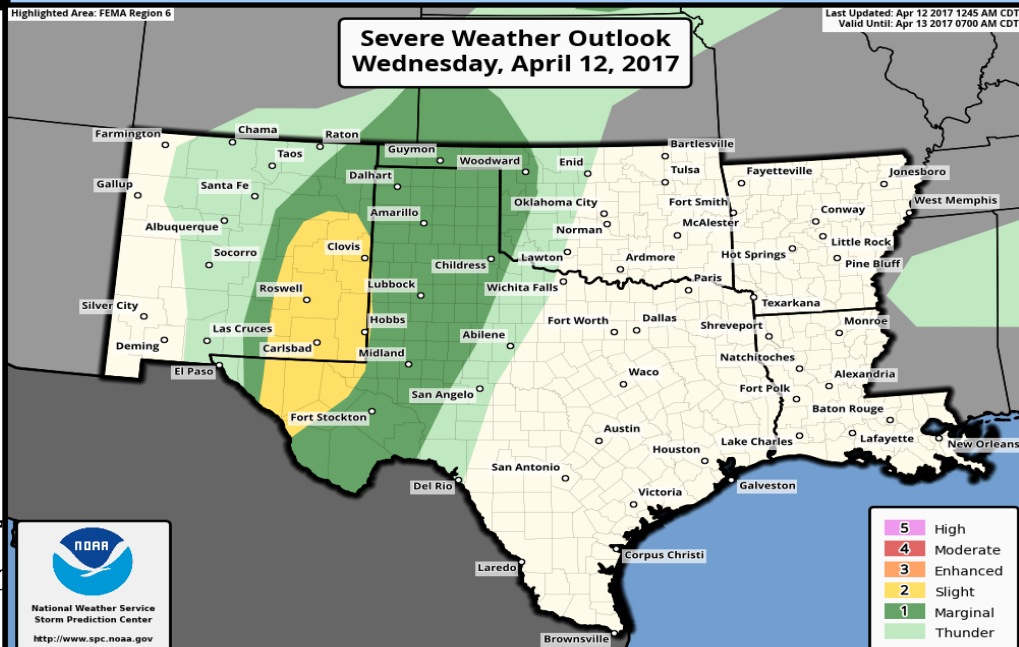
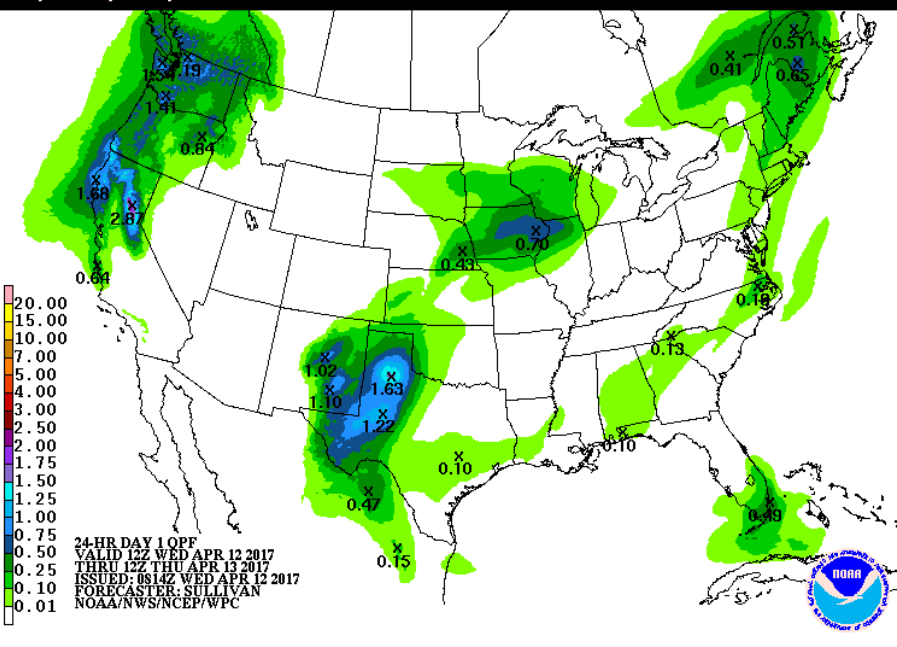
# Today's Weather



Isolated to scattered severe storms and heavy rain over E NM into W TX, the TX/OK Panhandles, and W OK.

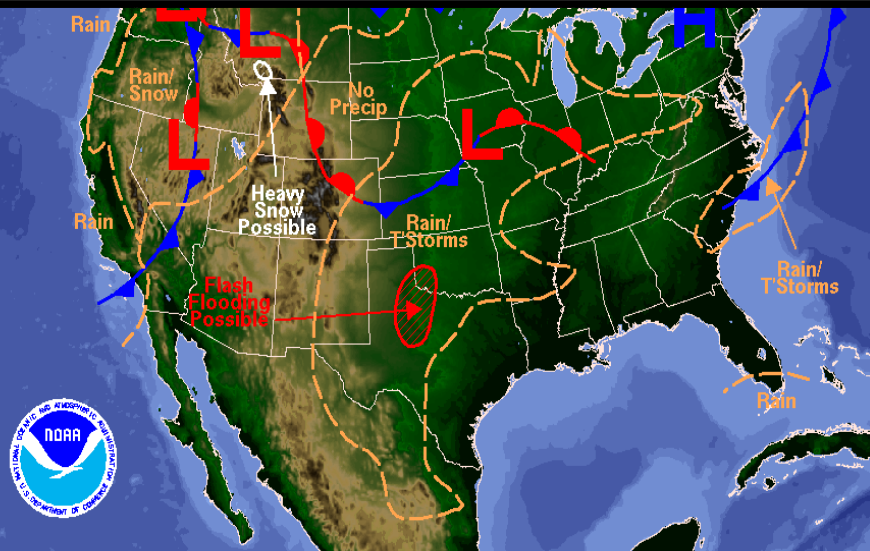
- Damaging winds, large hail, & flash flooding are the primary threats

Weather Forecast for Wed, Apr 12, 2017, issued 4:43 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts





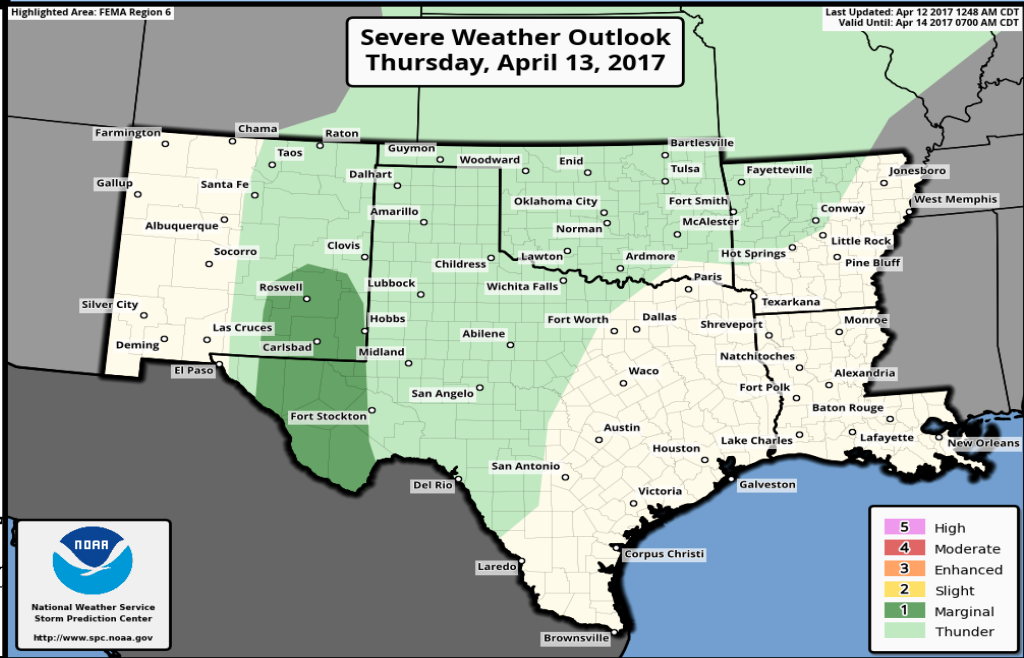
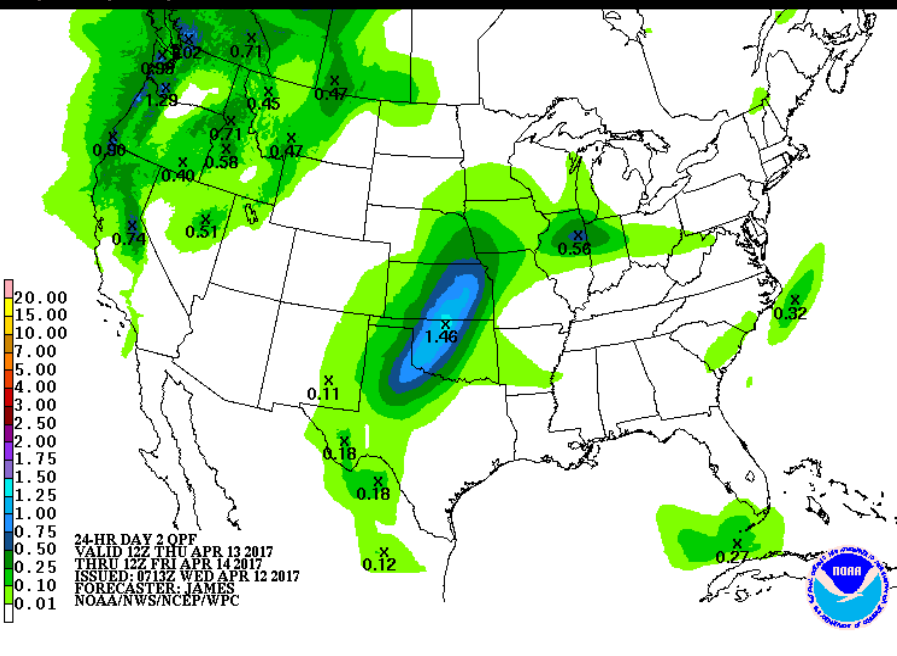
# Tomorrow's Weather



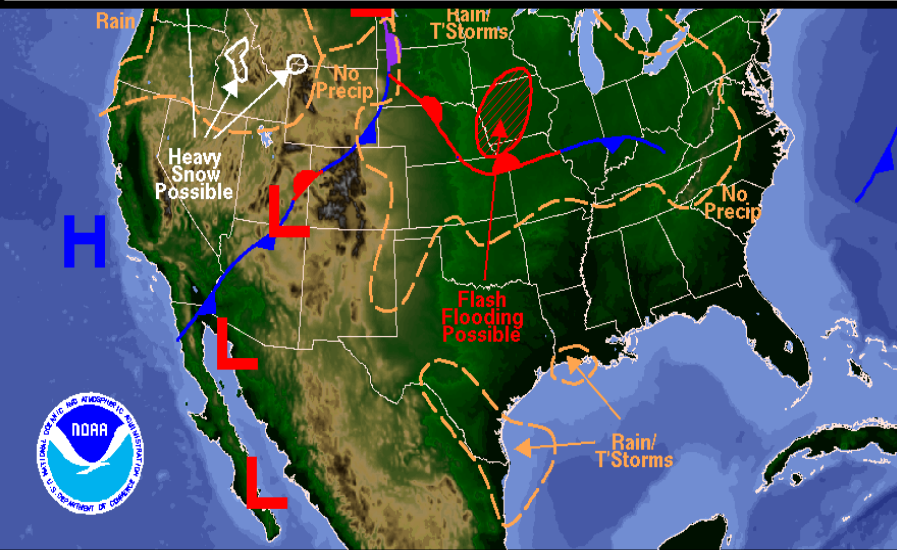
Weather Forecast for Thu, Apr 13, 2017, issued 4:47 AM EDT Wed, Apr 12, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McReynolds based on WPC, SPC and NHC forecasts

Isolated severe storms with damaging wind gusts and/or large hail possible over SE NM into west TX

Isolated heavy rain and flash flooding possible over western OK into northwest TX

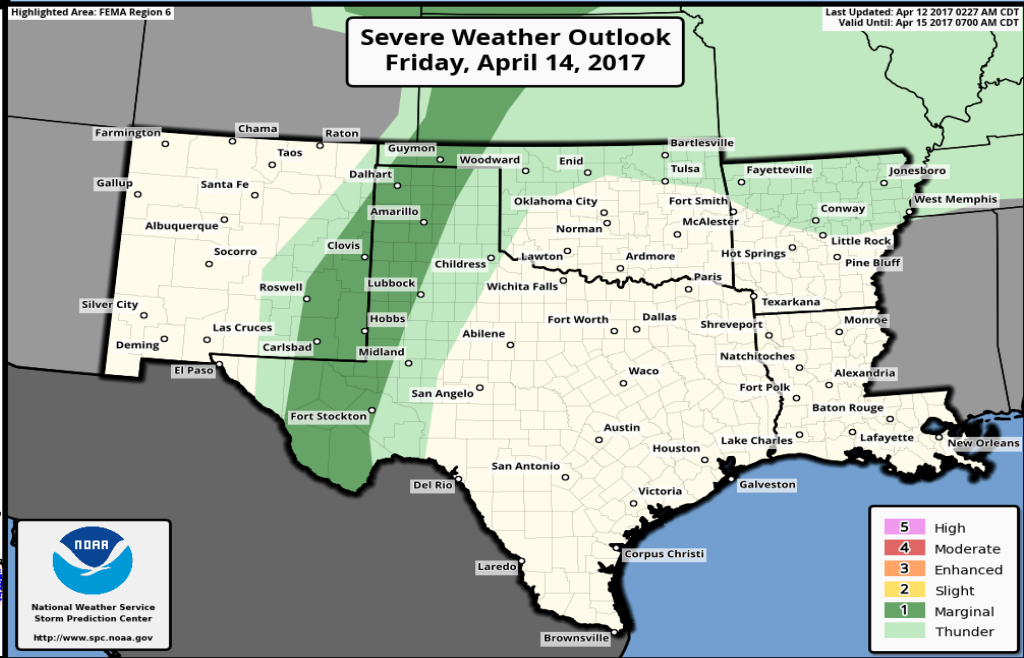
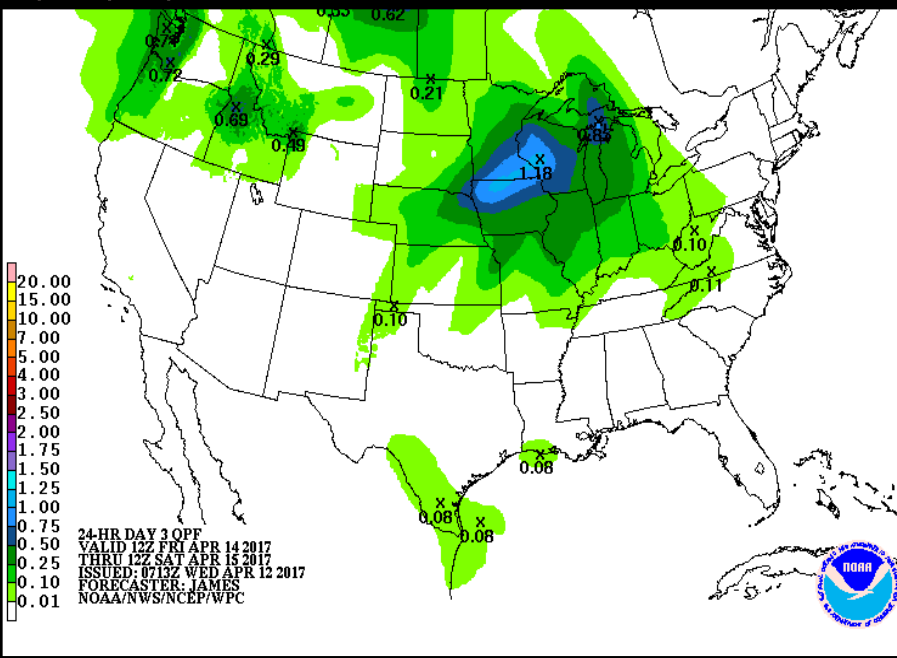


# Friday's Weather



Isolated severe storms with damaging wind gusts and/or large hail possible over SE NM into west TX

Weather Forecast for Fri, Apr 14, 2017, issued 4:51 AM EDT Wed, Apr 12, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts





# Day 4-5 Weather Hazards

Valid: 0800 Sat - 0800 Mon



No significant impacts  
expected

- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

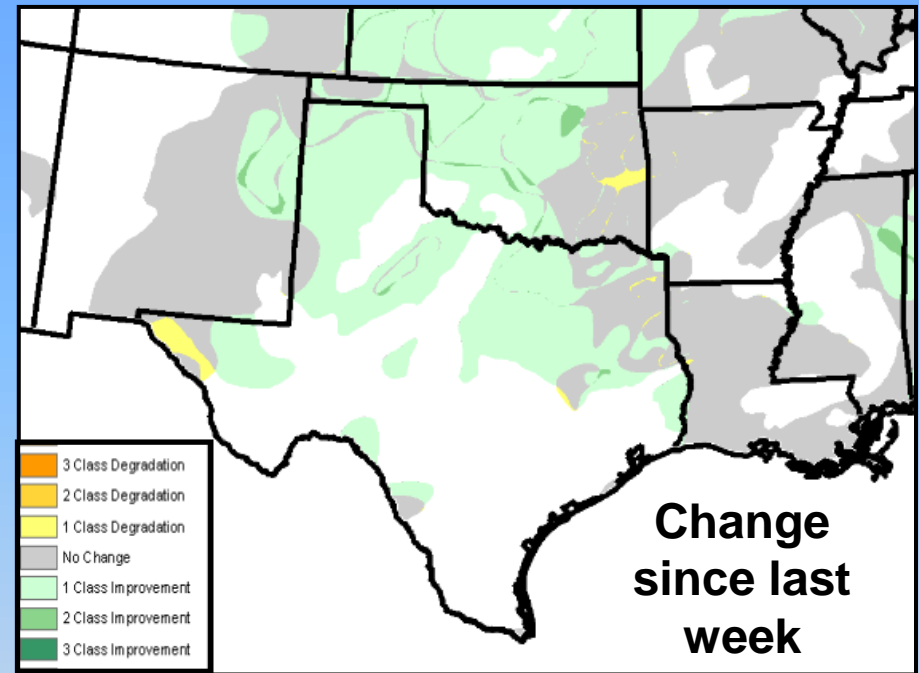
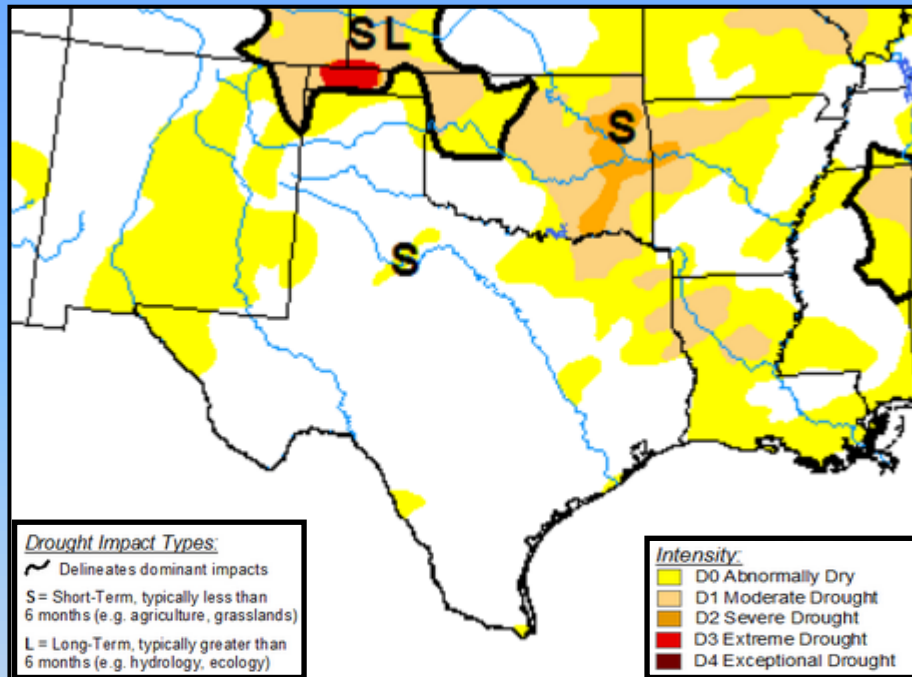
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.





# Drought Monitor Released April 6th, 2017

Data valid as of 7am CST, Tuesday, April 4th, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	2.99%	2.99%	5.55%	0.00%
Arkansas	0.00%	0.00%	2.02%	0.00%
Texas	0.00%	0.00%	0.04%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

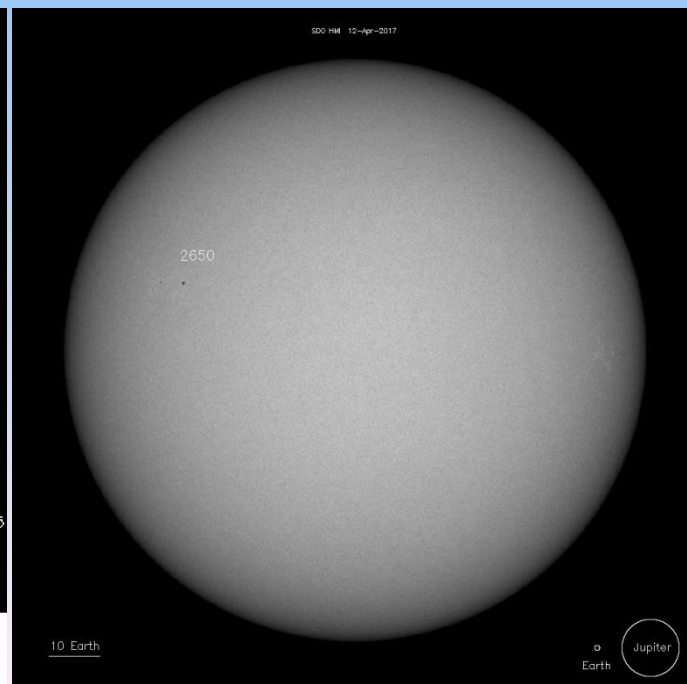
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background  
Product Valid At : 2017-04-12 12:57 UTC

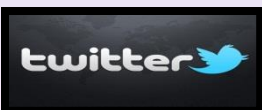
Normal Proton Background  
NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)  
 <https://www.facebook.com/NWSSouthern>



@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)



# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>